

FIRE CODE COMPLIANCE

Korogard Protective Wallcovering is a fire retardant sheet with excellent cleanability and impact resistance. Korogard Protective Wallcovering is ideal for institutional applications because of its compliance with the national fire codes for building interiors and is available in two formulations, each providing Class A fire code compliance in thicknesses up to and including .125 in. (3.18 mm.). Standard inventory items .028 in. (.71 mm.), .040 in. (1.02 mm.), and .060 in. (1.52 mm.) are produced as Class A items. When requirements call for a Class A material in .080 in. (2.03 mm.), .093 in. (2.36 mm.), or .125 in. (3.18 mm.) thicknesses, Korogard 600 can be specified. Refer to charts below and the Test Results: Surface Burning Characteristics document for details on test results.

Fire code compliance is based on the results of the Steiner Tunnel Test (ASTM-E84). The parameters tested include flame spread and smoke generated by a product when it burns. To meet Class A fire code, an interior finish must have a flame spread of 25 or less and a maximum smoke developed rating of 450. Class B requires a flame spread of 26 to 75 and a smoke generated of 450 or less. Fire code compliance involves using the tested adhesive. For .028 in. (.71 mm.), .040 in. (1.02 mm.), and .060 in. (1.52 mm.) thicknesses there are four adhesives that can be used to obtain a Class A fire rating: 3M™ Fastbond™ Contact Adhesive 30NF, Formulated Solutions XT2000+™ Mastic, Spray-Lock® FRP, and Dap® Weldwood® Nonflammable (see Korogard Protective Wallcovering Installation Manual). Korogard 600 Protective Wallcovering .080 in. (2.03 mm.), .093 in. (2.36 mm.), and .125 in. (3.18 mm.) must be installed with 3M Fastbond Contact Adhesive 30NF to ensure compliance with the Class A fire rating.

All Korogard handrails, crash rails (except K204 Korofiber), bumper rails, and corner guards meet the criteria for Class A as outlined in the ASTM E-84 test.

ASTM E-84 Compliance Chart

Thickness	.028 in. (.71 mm.)	.040 in. (1.02 mm.)	.060 in. (1.52 mm.)	.080 in. (2.03 mm.)	.093 in. (2.36 mm.)	.125 in. (3.18 mm.)
Korogard 500	Class A <input checked="" type="checkbox"/>	Class A <input checked="" type="checkbox"/>	Class A <input checked="" type="checkbox"/>	Class B <input type="checkbox"/>	Class B <input type="checkbox"/>	Class B <input type="checkbox"/>
Korogard 600	N/A	N/A	N/A	Class A <input type="checkbox"/>	Class A <input type="checkbox"/>	Class A <input type="checkbox"/>

Signifies that any one of the four recommended adhesives may be used to meet the criteria for the indicated classification

Signifies that only 3M™ Fastbond™ 30NF may be used to meet the criteria for the indicated classification